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Subject: Hurricane Sandy - HQ EOC Management Report for November 6
Date: 11/06/2012 09:18 AM
Attachments: [Final Management Report 11_6.docx](#)

Below is today's HQ EOC Hurricane Sandy Management Report.

For ease of Blackberry use, the situation summary is provided below in the body of this e-mail. The full report is provided as an attachment. Please keep in mind that this report is "For Internal Use Only".

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Final Management Report 11_6.docx



For Internal Use Only
Hurricane Sandy– EPA Activities
EPA Internal Update: November 6, 9:30 AM

Information contained in this report reflects HQ and regional reporting from most recently completed operational period and includes spot reports provided by HQ, regional, and interagency sources.

Situation Summary

Overview

- Power and telecommunication restoration, generators and fuel, dewatering, and commodity deliveries remain the critical focus for the recovery and response operations.
- As of 11/5, there are **129** shelters open with **10,579** occupants. There are approximately **1.2** million customers currently without power.
- In New York City, dewatering operations continue with EPA providing technical assistance to City Officials and Army Corps of Engineers (ACE) personnel. NYC has

requested assistance from the ACE with debris removal; they may request assistance, through NYSDEC, from EPA with household hazardous waste (HWW) removal.

- The President has signed major disaster declarations for RI, NY, NJ, and CT and signed Emergency Declarations for 10 States and the District of Columbia (DC). Emergency Declarations have been signed for CT, DC, DE, MA, MD, NJ, NY, PA, RI, WV, and VA. The Governors of FL and WV have requested Major Disaster Declarations.
- Effective 11/1, President Obama amended the cost-sharing arrangements regarding Federal funds for disaster relief for the States of CT, NY, and NJ. The amendment authorizes 100% cost sharing for ten days for emergency power restoration and emergency public transportation assistance from 10/30 through 11/9.
- FEMA's National Response Coordination Center (NRCC) remains at Level I (Full Activation) with all Emergency Support Functions and Liaison Officers activated.
- Coastal Flood Watch issued for 11/7-8 for New York City. High Wind Watch issued for 11/7 for much of New Jersey and NYC. Coastal storm expected in the Southern New Jersey starting on 11/7 with potential impacts to NYC by midday 11/7.

HQ EOC

- The Headquarters EOC remains activated at Level 1.
- ASPECT conducted a photo recon mission along the intercoastal shore of New Jersey and Long Island on 11/5. Google Earth n-links will be available for data collected from 11/4 photo recon mission along New Jersey and Long Island barrier islands.

EOC Public Information

- EPA continues to respond to press inquiries.

Fuel Waiver(s) and No Action Assurances (NAA):

- Air: On 11/2, two NAAs issued to address vapor recovery requirements at bulk gasoline loading and marine terminals in NY and NJ (to facilitate delivery of fuel to those areas) and to allow temporary fueling stations at four Motiva terminals in NY and NJ (to enable access by Motiva employees/contractors to repair damaged terminals). On 11/5 EPA prepared a Q/A to clarify 10/31/12 multi-state fuel waiver covers requirement for ethanol blending.
- Water: On 11/2, NAA issued to allow discharge without a National Pollutant Discharge Elimination System (NPDES) permit by the Army Corps of Engineers for work related to pumping water out of tunnels in NY and pumping water to sewage treatment plants in NJ.

For waivers issued, please consult <http://epa.gov/enforcement/air/fuel-waivers.html>.

EPA Region 1

- Region 1 sent five OSCs to Region 2 on 11/4.

EPA Region 3

- Region 3 sent six OSCs to Region 2.

EOC Water Desk

- The EOC Water Desk is currently staffed by Office of Water personnel.
- EPA Region 2 performed 8 Wastewater assessments and 5 Drinking water assessments in New Jersey.
- EPA has received a total of seven (7) drinking water facilities to inspect. EPA has completed inspections at four (4) of these. NJDEP has requested that any issues be reported to them for mitigation or assistance. EPA has also received a total of eight (8)

wastewater treatment facilities to inspect and assist with operational needs. EPA has completed inspecting six (6) of these and is actively assisting the Passaic Valley Sewerage Authority and Middlesex County Utility Authority facilities.

Summary of Drinking Water & Wastewater Systems – New Jersey:

Wastewater Treatment Systems in New Jersey – Current as of November 4		Population Served (total)
Total # Facilities (Declared Counties)	83	
EPA Assessed	8 (per November 5 update)	n/a
<i>Total Currently Impacted</i>	<i>n/a</i>	<i>n/a</i>
Operational = n/a		n/a
On Grid = n/a	Generator = n/a	
Bypassing	n/a	n/a
<i>Non-Operational</i>		<i>n/a</i>
<i>Flooded = n/a</i>	<i>Power Loss = n/a</i>	

Drinking Water in New Jersey – Current as of November 4			Population Served (total)
Total # Facilities (Declared Counties)		330	
EPA Assessed		9 (per November 5 update)	n/a
Total Currently Impacted		6	n/a
Operational = 5			n/a
On Grid = 3	Generator = 2	Gravity Fed = 0	
Boil Water Advisories = 3			n/a
Do Not Use = 1			n/a
Non-Operational = 1			n/a
Flooded = 0		Power Loss = 1	

Summary of Drinking Water & Wastewater Systems – New York:

Wastewater Treatment Systems in New York – Current as of November 4		Population Served (total)
Total # Facilities (Declared Counties)	64 (will update to include Westchester County and Rockland)	
EPA Assessed	4 (per November 5 update)	n/a
<i>Total Currently Impacted</i>	<i>14</i>	<i>n/a</i>
Operational = 10		n/a
On Grid = 2	Generator = 8	
Bypassing	n/a	n/a
<i>Non-Operational</i>		<i>n/a</i>
<i>Flooded = 2</i>	<i>Power Loss = 2</i>	

Drinking Water in New York State – Current as of November 4		Population Served (total)
Total # Facilities (Declared Counties)	82 (will update to include Westchester County)	
EPA Assessed	5 (per November 5 update)	n/a
Total Currently Impacted	21	n/a
Operational = 18		n/a
On Grid = 2	Generator = 5	Gravity Fed = 9
Boil Water Advisories = 16		n/a
Do Not Use = 2		n/a
Non-Operational = 3		n/a
Flooded = 2	Power Loss = 1	

New Jersey Water Impacts

- NJDEP has requested assistance from EPA to inspect a total of twelve (12) drinking water facilities in NJ. To date, nine (9) of those facilities have been investigated and no requests for EPA assistance have been given. NJDEP has requested the assistance of EPA in the investigation of eleven (11) wastewater treatment plants. EPA has completed assessments at eight (8) of these facilities, with two requesting continued assistance.
- EPA received requests to provide technical assistance to two wastewater treatment plants, the Passaic Valley Sewerage Commission (PVSC) and the Middlesex County Utility Authority (MCUA). PVSC, EPA and USACE are evaluating options to remove 4 million gallons of sludge beginning on or about 11/12/12. The facility continues primary treatment of incoming sewage, and effluent is being discharged into NY Harbor. Potential buildup of gases inside tunnels and confined spaces due to lack of power is a potential issue. PVSC is expected to have a dive operation in the next operational period.
- At MCUA, dive scheduled for 11/6 and is expected to take 1-2 days. Health and Safety plan should be finalized shortly.

Operational Status of Drinking Water & Wastewater Systems – New York:

11/4 Drinking Water - New York		
Total # Facilities (NYC, Nassau, Suffolk) 82 (will update to include Westchester & Rockland)		
Total Currently Impacted 21		
Operational 18		
On Grid 2	Generator 5	Gravity Fed 9
Boil Water Advisories 16		

Do Not Use	2	
Non-operational	3	
Flooded	2	Power Loss 1

11/4 Waste Water Treatment Plants - New York		
Total # Facilities (NYC, Nassau, Suffolk)	64	
<i>(will update to include Westchester & Rockland)</i>		
Total Currently Impacted	14	
Operational	10	
On Grid	2	Generator 8
Non-operational		
Flooded	2	Power Loss 2

New York Water Impacts

- EPA conducted assessments of drinking water and wastewater facilities in Suffolk County NY, focusing in on facilities on Fire Island, a barrier island devastated by Hurricane Sandy. County Health Departments continue to request EPA to discontinue their assessments of facilities in the County, since a program is already in place and working. EPA has assessed five (5) drinking water and four (4) wastewater facilities that required no additional assistance from the Agency.

EPA Region 2

- The Regional Emergency Operations Center (REOC) remains fully staffed with all key leadership positions filled. Deployments increased throughout New York and New Jersey.
- Three signed mission assignments, two for NJ and one for NY, received on 11/4.
- EPA deployed HazMat assessment teams throughout New Jersey focusing on notifications in Atlantic, Monmouth, Hudson, Ocean and Union Counties. These teams observed slight odors but no significant environmental impacts and also observed residents segregating household hazardous waste (HHW) and normal refuse.
- EPA deployed a HazMat team to the Phillips 66 Bayway Refinery in Linden, Ocean County, NJ to conduct a facility assessment and to conduct oversight of the responsible parties' cleanup activities. The RP is mitigating an incident, which is in EPA's jurisdiction, at the facility's east retention basin (ERB) that serves as a holding area for the facility's storm sewers and as an oil/residual oil storage area. Power loss and inundation from storm surge resulted in an overflow and dispersion of approximately 155 barrels of sludge oil. Six residences in close proximity were impacted, and the RP is working with the homeowners to mitigate the damage. EPA is participating in unified command.
- EPA personnel investigated and did not observe any significant environmental impacts from reported oil sheens in Hoboken. EPA met with local officials in Hoboken to discuss potential operations.
- State and County representatives have requested assessments of Superfund sites to determine any potential hurricane-related threats. Superfund site assessments continued throughout the impacted zone. Removal sites have been assessed, and remedial site assessments initiated on 11/1. Efforts to supplement remedial assessments with information from remedial project managers (RPMs) underway.

- Specific Superfund site updates:
 - Gowanus Canal (NY) – Assessment completed 11/4 and two areas generating concern. Two nearby facilities, a home heating oil distributor and an asphalt facility, sustained storm-related damage and potential for oil migration from the facilities exists. Plans to address issues under development.
 - Newtown Creek (NY) – Assessment completed 11/4 and several orphan containers and tanks found landside. These containers/tanks will be removed during the next operational period and an aquatic-based sonar scan will be used to determine if any containers are below surface.
 - Raritan Bay Slag (NJ) – mitigation and stabilization activities contained and expected to be completed by week's end weather pending.
 - Zurbrugg Hospital (NJ) (removal) – stabilization activities for a pile of asbestos-containing material should be completed by 11/7 and additional security fencing is being replaced
- Debris Management - EPA continues coordination regarding HHW collection with USACE in NY. Assessments in Staten Island to identify areas of environmental impact with orphaned containers continued.
- Dewatering operations of tunnels in Manhattan continue to have EPA oversight.
- The Region 2 Common Operating Picture (COP) is now available on FlexViewer. This display is constantly updated with response-related information. The COP located in the situation unit adjusts to the needs of the operations. FlexViewer is also being used as a data review source and for mapmaking.

	New Jersey Incidents		
	Number of Notifications to EPA		
Material Type	Reporting Operational Period	Previous Totals	Grand Totals
Oil	9	99	108
Other	0	5	5
Haz	0	3	3
Operational Period Total	9	107	116

	New York Incidents		
	Number of Notifications to EPA		
Material Type	Reporting Operational Period	Previous Totals	Grand Totals
Oil	11	71	82
Other	2	8	10
Haz	0	0	0
Operational Period Total	13	79	92

Superfund Site Assessments

Superfund Site Assessments				
	Within Declared Counties	Assessed	Pending	Posing Potential Threat
Remedial Sites				
New Jersey	93	32	61	1

New York	45	13	32	2
Removal Sites				
New Jersey	83	83	0	1
New York	22	22	0	0

Previous table indicated incorrect, low number of assessed sites. Table revised based on data input from project managers, other regional personnel and contractors.

Regulatory Facilities:

Regulatory Program	Number of Facilities Contacted	Number of Facilities Reached	Report of Facility Releases
FRP	67	61	4
RMP	30	27	0
SPCC, Marinas & Other Oil	102	24	0
Total	199	112	4

RESOURCES

Personnel:

NUMBER OF DEPLOYED PERSONNEL to Impacted Areas: (will now reflect personnel supporting Region 2)

State/Location/Region	Current EPA Personnel In Field	Current Contractor Personnel In Field	EPA Personnel in REOC	Contractor Personnel in REOC	Total
Region 2	45	20	35	38	138

NUMBER OF HEADQUARTERS PERSONNEL:

Headquarters	EPA Personnel	Contractor Personnel	Total
Total	20	2	22

EPA/Contractor Personnel Totals

Location	Totals
Region/State	138
HQ	22
Incident Total	160

FINANCES:

MISSION ASSIGNMENTS FOR REGIONS (only approved Mission Assignments are included):

State/FEMA #	Date	Amount	Purpose
Region 1			
Region 1 – 3353 EM-CT-EPA-01	10/29/12	\$30,000	Activate EPA ESF-10 at state EOCs and FEMA RRCC
Region 1 – MA-12102506-EPA-01	10/26/2012	\$10,000	Activate EPA to RRCC and IMAT Amended to de-obligate funding on 10/31/2012
Region 3			
Region 3/PA		\$16,000	FEMA RRCC ESF-10 Desk Support
Region 3 – DE-12102505-EPA-01	10/29/2012	\$16,000	FEMA RRCC ESF-10 Desk Support
Region 2			
4086DR-NJ-EPA-01 (mod 1)	11/1 - 11/10/12	\$300,000	NJ ROC Support/Assessment
4086DR-NJ-EPA-02	11/1 – 12/1/12	\$300,000	NJ Drinking and wastewater assistance
4086DR-NJ-EPA-03	11/2-30/2012	\$1,000,000	Technical assistance for environmental assessments
4086DR-NJ-EPA-04	11/2/2012-3/2/2013	\$3,500,000	NJ Direct federal assistance for oil/hazmat field operations
NY-12102504-EPA-01	10/29/2012 Exp. 11/1/12	\$5,000	NY FEMA RRCC ESF-10 Desk Support
4085DR-NY-EPA-01	11/1 – 12/1/12	\$300,000	NY Drinking and wastewater assistance
4085DR-NY-EPA-02	10/30/12 - 11/10/12	\$400,000	NY ESF-10 EOC deployment and assessment assistance
TOTAL		\$982,000	

MISSION ASSIGNMENTS FOR HQ:

FEMA #	Date	Amount	Purpose
District of Columbia	10/29/2011	\$10,000	Deployment to NRCC to support ESF-10
TOTAL		\$10,000	